

User's Manual DM7 Dynamic Messenger



Introducing the 7" Dynamic Messenger. To fully understand the product, please read the manual carefully and keep it for later reference.

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Check List

1. Introduction

7" Dynamic Messenger supports: JPEG picture file WMA, MP3 sound files MPG1, MPG2 video files Background sound playing 13 different picture transitions CF, SM, MS, MS PRO, SD, MMC, IBM MICRODRIVE seven type of memory cards. AV Input/Output TV Remote control support

2. Safety precautions

Please beware of the following precautions.

- 1. Handle it carefully. Place machine on a soft cloth or surface before installation in order to prevent scratches.
- 2. Spray a little cleaner on soft cloth and wipe the panel.
- 3. Do not block the vent to prevent overheating.
- 4. Never disassemble or perform self-maintenance and repair, since opening or removing cover plate may cause high-voltage electric shock or other dangers. Have a qualified technician perform all product maintenance.



3. Installation Instruction

3.1 Introduction

1. Front view:



2. Top View:



Two slots for CF, SM, MS, MSPRO, SD, MMC, IBM MICRODRIVE: 7 types of memory card ports.

- 3. Back View:
 - Wall Hanging: can be installed onto the surface of a wall. Table Stand: use the stand to support the 7" Dynamic Messenger for weight support.





• Input/output Introduction:



3.2 Button Instructions (Right-hand side) :



Instruction:

- Power: on/off switch.
- "MODE": Mode change, can switch TV 、 MEDIA PLAYER, and VIDEO。
- Up and Down Button: By pressing the up & down buttons, you may select various options.
 - 1. Volume Control
 - 2. Under TV mode, the buttons allow changing of channels $_{\circ}$
 - 3. Under on screen display (OSD) mode, you can select adjustments & options.
- "MENU": Select on screen display (OSD) mode, this allows various options.



4. Remote Control

NOTE: Due to a manufacturing error, many of the buttons on the remote are mislabeled. Throughout the rest of this manual, please use the "intended" button on the remote and not the button actually labeled for that action. For example, if instructed to press "Photo", the button on your remote may be labeled as "Movie".



Key Function

- 1 **POWER** Press to turn the machine on or off
- 2 MUSIC In selection menu, pressing the "Music" key will select the music files. If you do not select any files, then the system will automatically play the first music file.
- 3 PHOTO In selection menu, pressing the "PHOTO" key will select the picture files. If you do not select any files, then the system will automatically play the first picture file.
- 4 MOVIE In selection menu, pressing the "Movie" key will select the movie files. If you do not select any files, then the system will automatically play the first movie file.
- 5 SETUP Press for setup menu. Press setup again to exit the setup menu.
- 6 MENU Press to configure settings.
- 7 ZOOM Under the play selection, if the picture size does not match



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		with the frame, then use the "ZOOM" button to enlarge the picture. Press once for three times the size, twice for four times the size, three times for the original size. After enlarging the picture, use the " \blacktriangle \checkmark \checkmark \checkmark " for surface adjustments.		
8	ROTATE	Under the play selection, use the "ROTATE" key for picture rotation. "Rotate" key only works under PHOTO menu.		
9	PLAY	1. Play and pause function.		
		2. When playing a picture and music at the same time. Press once to stop playing the picture, press twice to stop both picture and music playing, and press three times to restore playing.		
11	STOP	Under play mode, press the "STOP" button to stop playing.		
12	MODE	Switch Picture display modes. There are 13 different slide transitions.		
10, 18	UP, DOWN	In OSD menu, up and down switch. ($\bigstar \mathbf{\nabla})$		
13, 15	LEFT, RIGHT	In OSD menu, left and right switch. (\checkmark), In setting, press for increase and decrease adjustment.		
14	ENTER	Select an option from a menu.		
16	MUTE	Mute (Sound off).		
19-20	VOLUME±	Volume control.		
17-21	NUMBER	Numbers Keys:		
		Under menu play selection, can press the number to select files, such as MP3, JPEG, WMA, MPEG files.		
		Under TV mode, use the numbers for channel selection. Press Enter for instant channel change. (Or wait 2 seconds for auto channel change)		
22	REPEAT	Under menu play selection, press REPEAT to have MP3, MPEG or picture files repeat its play function.		
23	DISPLAY	Under play selection, use the DISPLAY key to have picture and music to play at the same time (Background music).		
24	GOTO	In Photo, music, video, or file, user can switch between these 4 modes. As shown under the picture below.		





5. Setup Menu

Play multimedia files

1.Refer to product description for instruction on inserting memory cards.

Note: Unit supports 7 types of memory cards: CF, SM, MS, MS PRO, SD, MMC, IBM MICRODRIVE



- Display photo: press "PHOTO" key, and enter the photo menu. Use number keys (1-9) for photo selection and press "ENTER" to select the photo.
- Display music: press "MUSIC" key, and enter music menu. Controlling instruction is the same as above.
- Display movie: press "MOVIE" key, and enter movie menu. Controlling instruction is the same as above.
- When playing the media, press "PLAY" to pause and press again to continue. Press
 "STOP" to stop playing.
- 6. Background music (Can play music and photo at the same time) :
 - Under PHOTO menu display mode, press "DISPLAY" can play photo and music at the same time. The first music and the first picture will be played at the same time.
 - Under MUSIC menu display mode, press "DISPLAY" and same instruction as above.
 - 3) When music and photo is playing at the same time. Press "**PLAY**" once to stop playing photo, twice for both music and photo, and three to continue playing both.
- 7. For other user instruction please go to Remote Control instruction.



5.1 SETUP MENU—MAIN PAGE

SETUP MENU MAIN PAGE	SETUP MENU – MAIN PAGE
MUSIC SETUP MUSIC SETUP SLIDESHOW SETUP MOVIE SETUP PREFERENCES EXIT SETUP	 PHOTO SETUP (Change Photo's settings) MUSIC SETUP (Change Music's settings) SLIDESHOW SETUP (Change Slideshow's settings) MOVIE SETUP (Change Music's settings)
GENERAL SETUP MAIN PAGE	 MOVIE SETUP (Change Movie's settings) PREFERENCES (Change Menu's settings) EXIT SETUP (Exit MAIN PAGE)
	Press SETUP key on remote control to open SETUP MENU.

5.2 SETUP MENU—PHOTO

SETUP MENU PHOTO	PHOTO Thumbnail Digest Function Setup	
TRANSITION MODE OFF	ON: Turn this function on.	
MAIN PAGE	OFF: Turn this function off	
SETUP MENU PHOTO	1. Enter MAIN PAGE	
PHOTO-THUMBNAIL DIGEST	2. Press ENTER key to enter submenu PHOTO.	
	3. Press up and down arrows to highlight item to change, and then press ENTER to save.	
	 Press to go back to upper menu, then highlight MAIN PAGE to go back to previous menu. 	



SETUP MENU PHOTO	PHOTO transition mode function setup		
TRANSITION MODE FAST ORIENTATION SI OW	FAST	NORMAL	SLOW
MAIN PAGE	1. Enter Photo Setup menu.		
TRANSITION MODE	2. Press ▲ MODE, pr	to highlight ress show subme	TRANSITION enu on right.
PHOTO-TRANSITION MODE	3. After select	ion, press ENTER to	confirm.
	4. Press ◀ to MAIN PAC	o turn to previous E to return to previou	menu. Choose us menu.

SETUP MENU PHOTO	PHOTO Orientation Function Setup	
THUMBNAIL DIGEST TRANSITION MODE ORIENTATION > DEFAULTS IGNORE	DEFAULTS	IGNORE
	 Enter PHOTO SETUP menu. Press (▲, ▼) to highlight ORIENTATION, 	
ORIENTATION	Press (\blacktriangleright) to show su	ubmenu on the right. Press
PHOTO-ORIENTATION	(\blacktriangle, \lor) to select (ENTER) to save.	ect desired item. Press
	 Press (to return MAIN PAGE then pre- previous menu. 	n to previous menu. Select ess (ENTER) to return to

5.3 SETUP MENU - MUSIC

SETUP MENU MUSIC REPEAT MODE ONE ALL MAIN PAGE OFF	MUSIC Repeat Function Setup	
	ONE: Repeat one music file (MP3).	
	ALL: Repeat all music files.	
SETUP MENU MUSIC	OFF: Turn REPEAT function off.	
MUSIC-REPEAT MODE	Instruction same as above.	



5.4 SETUP MENU - SLIDE SHOW

SETUP MENU SLIDE SHOW	SLIDE SHOW Playing Function Setup	
FOLDER REPEAT INTERVAL TIME	MANUAL: Slide show plays manually.	
AUTO START	AUTO: Slide show plays automatically.	
SLIDESHOW MODE	Instruction same as above.	
SLIDE SHOW-SLIDE SHOW MODE		

SETUP MENU SLIDE SHOW	SLIDE SHOW Folder Repeat Function Setup
FOLDER REPEAT ON INTERVAL TIME OFF TRANSITION AUTO START	ON: Turn folder repeat function on. OFF: Turn folder repeat function off.
MAIN PAGE	
SLIDE SHOW—FOLDER REPEAT	

SETUP MENU SLIDE SHOW	SLIDE SHOW Interval Time Setup
FOLDER REPEAT INTERVAL TIME TRANSITION AUTO START MAIN DAGE	ONE SECOND
	THREE SECONDS
INTERVAL TIME	FIVE SECONDS
SLIDE SHOW-INTERVAL TIME	TEN SECONDS



SETUP MENU	- SLIDE SHOW	SLIDE SHOW Tra	nsition Function setup
FOLDER REPEAT	TOP -> BOTTOM	FULL SCREEN	
	BOTTOM -> TOP T/B -> CENTER	TOP->BOTTOM	From top to bottom
AUTO START	CENTER -> T/B	BOTTOM->TOP	From bottom to top
MAIN DACE	LEFT -> RIGHT	T/B->CENTER	From top/bottom to center
MAIN PAGE	RIGHT -> LEFT	CENTER->T/B	From center to top/bottom.
TRANSITION	L/R -> CENTER	BLIND:T/B	Blind top to bottom
SLIDE SHOW-TRANSITION		LEFT->RIGHT	From left to right
		RIGHT->LEFT	From right to left
		L/R->CENTER	From left/right to center
		CENTER->L/R	From center to left/right
		IMPLODE	Outer edges to center
		BLIND->L/R	Blind left to right
		RANDOM	Random transitions

SETUP MENU SLIDE SHOW	SLIDE SHOW Auto Start Function Setup
FOLDER REPEAT INTERVAL TIME	ON: Turn AUTO START on.
AUTO START ON OFF	OFF: Turn AUTO START off.
AUTO START	
SLIDE SHOW-AUTO START	

5.5 SETUP MENU - MOVIE

SETUP MENU MOVIE INTERVAL TIME FAST REPEAT MODE MAIN PAGE	MOVIE Interval Time Function Setup		
	FAST		
	NORMAL		
INTERVAL TIME			
MOVIE-INTERVAL TIME			



	MOVIE Repeat Mode Setup		
REPEAT MODE OFF	OFF: Turn Repeat function off.		
	ONE: Repeat one movie file.		
REPEAT MODE	ALL: Repeat all movie file.		
MOVIE-REPEAT MODE			

5.6 SETUP MENU - PREFERENCES PAGE

(ONLY AVAILABLE WHEN MEDIA CARD SLOTS ARE EMPTY)

PREFERENCES PAGE TV TYPE MULTI. SYSTEM VIDEO OUTPUT NTSC	PREFERENCES PAGE TV Type Function Setup				
OSD LANG PAL OSD MESSAGE DEFAULTS	MULTI.SYSTEM : Change TV system automatically				
SET PREFERENCES	NTSC: For U.S. and Japan				
PREFERENCES PAGE-TV TYPE	PAL: For country adopts PAL system.				

PREFERENCES PAGE TV TYPE VIDEO OUTPUT OSD LANG OSD MESSAGE DEFAULTS	PREFERENCES PAGE VIDEO OUTPUT Setup
	S-VIDEO: S-Video signal output
	YPBPR: YPBPR signal output
PREFERENCES PAGE VIDEO OUTPUT	RGB: RGB signal output



PREFERENCES PAGE	PREFERENCES PAGE OSD Language Setup
VIDEO OUTPUT OSD LANG ENGLISH	ENGLISH: OSD in English
DEFAULTS	
MAIN PAGE	
PREFERENCES PAGE-OSD LANG	

PREFERENCES PAGE	PREFERENCES PAGE OSD MESSAGE Setup
VIDEO OUTPUT OSD LANG OSD MESSAGE DEFAULTS OFF	ON: Turn OSD MESSAGE on. OFF: Turn OSD MESSAGE off.
MAIN PAGE OSD MESSAGE	
PREFERENCES PAGE-OSD MESSAGE	

PREFERENCES PAGE	PREFERENCES PAGE DEFAULTS Setup
VIDEO OUTPUT OSD LANG	RESET: Restore manufacturer's default settings.
DEFAULTS RESET	
MAIN PAGE	
PREFERENCES PAGE – DEFAULTS	

NOTE: PREFERENCES PAGE DEFAULTS is active only in initial status by pressing SETUP key. If not, please press SOURCE key to return to initial status.



5.7 SETUP MENU - EXIT SETUP



6. OSD Setup guide

6.1 AV Mode

Remote Control Operation

Press "MENU" to highlight the OSD setting , press " , to select submenu, press " , to select aimed variable, then press ")" to adjust numerical variable; If the variable is not numerical(such as " TV", " VIDEO", press ")" to select aimed variable, then press "ENTER" to confirm. Press "RETURN" button at the submenu to exit OSD, or you can wait for OSD exit automatically (please reference the detail OSD menu closing time setting).



Tips: You can also press "ENTER", "MENU" buttons on remote control or "OSD" on the machine to exit the OSD setting.



VIDEO、 DVD and MEDIA PLAYER Mode

The Specific Menus:

The specific of Menus are different for each mode of VIDEO、DVD、TV、MEDIA PLAYER, However, the same for VIDEO、DVD 与 MEDIA PLAYER Menus

Select Menu:

- VIDEO ADJUST
- OSD ADJUST
- INPUT SELECT
- AUDIO
- LANGUAGE SELECT
- EXIT

6.1.1 VIDEO ADJUST

VIDEO ADJUST	Operation under highlighting the variable			e
• 🐼 😼 🖏 🕅 EIII	BRIGHTNESS	Reduce/	HUE	Reduce/
BRIGHTNESS		increase		increase the
CONTRAST		the		variable
SHARPNESS		variable		
HUE	CONTRAST	Reduce/	COLOR	Reduce/
RESET		increase	TEMPERATURE	increase the
RETURN		the		variable
		variable		
	SHARPNESS	Reduce/	RESET	Reduce/
		increase		increase the
		the		variable
		variable		
	SATURATION	Reduce/	RETURN	Reduce/
		increase		increase the
		the		variable
		variable		



6.1.2 OSD ADJUST (OSD MENU SETTING)

OSD ADJUST	OSD MENU SETTING			
	H-POSITION	Move horizontally		
H-POSITION	V-POSITION	Move vertically		
OSD-OFF TIME	OSD-OFF TIME	OSD auto off time set		
OSD-TRANSPARENT	OSD-TRANSPARENT	OSD transparency		
RETURN	TIMER SET	:		
	Press it for Timer setup. Select "Timer" to activate.			
	When timer is on, three selections will be displayed on the			
	screen, including "ON ", "OFF	", and "TIME ". Press numbered		
	keys to adjust to the corre	ect time. If the current time is		
	13:15:41, press 1, 3, 1, 5, 4, 1 as the arrow flashes. Confirm it			
	after time adjust.			
	• "ON": System is off,	internal clock still runs, when it's		
	time to start, system	will be automatically turned on.		

- "OFF": System is on, when it's time to shut down, system will be automatically turned off.
- "TIME": Current time.

When timer is set to "NO", auto-timer is off.

RETURN	Return to Menu

- 1. Press MENU to enter submenu, then press ENTER to enter "VIDEO ADJUST" (or press "▼").
- Press " 、 " to highlight your choice. 2.
- 3. Then press ENTER to enter, press " ," to change settings. Or Press ENTER for options.



6.1.3 INPUT SELECT

INPUT SELECT	INPUT SELECT		
🖂 🖾 * 🖼 🕪 🛛 Em	VIDEO	For VIDEO input signal	
VIDEO	TV	For TV signal	
TV	MEDIA PLAYER	For Media Player	
MEDIA PLAYER	RETURN	Return to menu	
	 Press MENU to enter sul enter "INPUT SELECT" (c Highlight your choice, and 	omenu, then press ENTER to or press "♥"). d press "ENTER" to confirm.	

6.1.4 AUDIO (AUDIO SETTING)

	AU	DIO			
S	- Fil	~1 ())	Ū.	EXIT	
VOLUM					V
BASS					B
TREBL	E				Т
BALAN	CE				E
REFOR					F
					1.
					2.
					3.

AUDIO SETTING

VOLUME	音量
BASS	低音
TREBLE	高音
BALANCE	左右声源平衡度
RETURN	返回

 Press MENU to enter submenu. Then press ENTER to open "AUDIO" menu. (or press"♥")₀

. Press " $\mathbf{\nabla}$, \mathbf{A} " to highlight your choice.

3. Press ENTER to open and press "◀, ▶" to change settings. Or press ENTER for options.



6.1.5 LANGUAGE SELECT (LANGUAGE SETTING)

LANGUAGE	SELECT		
× 101 Fa	1)) 🕫	EXII	-
ENGLISH			-
CHINESE			-
RETURN			-

LANGUAGE SELECT

返回
į

- 1. Press MENU to enter submenu. Then press ENTER to open "LANGUAGE SELECT" menu.
- 2. Select a language, then press "enter" to confirm.

6.1.6 EXIT

EXIT	EXIT OSD
EXIT	Press "ENTER" / "MENU" to quit OSD adjust。



6.2 TV MODE SETTINGS

Menu:

- VIDEO ADJUST
- OSD ADJUST
- INPUT SELECT
- TV FUNCTION
- TV MODE
- AUDIO
- LANGUAGE SELECT
- EXIT

The Operation for VIDEO ADJUST、OSD ADJUST、INPUT SELECT、AUDIO、 LANGUAGE SELECT、EXIT are the same for VIDEO、MEDIA PLAYER mode are same, here are the details of TV function and TV mode setting.



6.2.1 TV FUNCTION

TV FUNCTION		TV Function Manu		
	AUTO SCAN	Auto search all channels		
AUTO SCAN MANU SCAN FINE TUNE PRESET PROGRAMS SKIP PROGRAMS SELECT PROGRAMS	MANU SCAN	Manual Search channels		
	FINE TUNE	Covering manually full channel width, to th highest level of performance.		
	PRESET PROGRAMS	Able to change channels' sequence.		
	SKIP PROGRAMS	This function for skip a channel, "AV" on remove control to select a skip channel.		
	SELECT PROGRAMS	This function for select channel on the machine buttons, "▲▼"on machine to select channels.		
	1. Press remo	te control direction key to select, and		
	press ENTE	R" / "MENU" to confirm		

Select "PRESET PROGRAMS" setup selection, press
 "▲ ▶" to adjust the aimed channel in the mid-bottom of OSD menu, press "ENTER" / "MENU" to realize preset function

6.2.2 TV MODE

	т٧	MODE (P	rovided C	ountries)
	NTSC	US.JP.KO.	PAL B/G	Europe
NTSC	PALI	Hong Kong	PAL D/K	China
PAL B/G PAL I PAL D/K RETURN	 Select "I ▶" buttor Then pro 	ENTER" / "MI n on remote co ess "ENTER"	ENU" to ente ontrol. / "MENU" to	er submenu, press"

7.1 Auto Channel Scan

First time use or TV moved to new area, needs to process auto channel search.



- 1. In TV Playing mode, press "**MENU**" to enter submenu. (Please compare system setting part on the front page.)
- 2. Press " →" on the remote control to TV Menu, then press "ENTER" to enter setting.
- 3. Press "▲▼"on the remote control to Auto Channel Scan, press "ENTER" to enter "Auto Channel Scan". After auto scan finished, there will be auto play first channel, and channels can be watched normally.
- 4. To stop Auto Scan, press "ENTER" Key to quit.

7.2 Channel Selection

To select channels, press "**AV**" or enter number of a channel on the remote control, then press **ENTER**" to confirm. Also "Channel Selection" can be found in the submenu for select channels.

7.3 Display TV Channel Number

While TV is in playing mode, press "**DISPLAY**" to show channel number on the top right corner screen.

7.4 Channel Recall

While TV is in playing mode, press "ENTER" to go back to previous channel.

8. AV Input / Output User Instruction

This product has AV Device. VCD AV Device can directly connect with DVD, VCD player (PS. AV M status needs to change to, which AV input turns on).

User Instruction below:

AV Input & Output can be controlled by the switch.

AV Input: VIDEO Input (Connect DVD/VCD AV Output), AUDIO Input (Connect DVD/VCD Audio Output), needs to switch status to IN, then digital frame playing mode switch to Video mode, then AV signal can be played.

Instruction:

First Thing AV Signal Cable connected follow by color:

- 1. Take DVD, VCD's VIDEO (Yellow) Connect to Album TV's VIDEO AV.
- 2. Take DVD, VCD's AUDIO (Red, White) Connect to Album TV's AUDIO AV.

Then switch Digital frame's mode to VIDEO:

- 1、 Press "MENU" into OSD system menu.
- 2、 Press "◀ ▶" switch to "INPUT SELECT" screen.
- 3、 Select "VIDEO" input mode, "ENTER" to confirm VIDEO input mode.

Finished Instruction above will be able to watching DVD,VCD.

AV Output Status Description: System AV Signal can be output, need to connect AV input, then can playing media from Album TV. Let Video Input/output switch to Out, also digital frame playing mode change to MEDIA PLAYER, then it will be able to play.



9. Specifications

Panel:	Active Matrix Color TFT LCD
Active area:	211.2 mm(Horizontal)×158.4 (Vertical) mm
Pixel pitch:	640 (W) × 480 (H)
Horizontal frequency:	30-80KHZ
Vertical frequency:	60/75HZ
Lamp Lifetime:	50000 Hr
White Luminance:	330cd/m ²
Contrast ratio:	250: 1
View Angle:	Top 110°/ Bottom 110°/ Left 140°/ Right 140°
Input Power:	AC110-240V (50HZ-60HZ)
Power Management:	VESA DPMS
Power Consumption:	25W
Operating Temperature:	0 - 50
Supported Multimedia File:	MPEG1、MPEG2
	MP3、WMA
	JPEG
Supported Memory card:	CF\SM\SD\MMC\MS\MS PRO\IBM MICRODRIVE